

# V.A.C.ULTA™

## THERAPY SYSTEM

### SERVICE MANUAL



Important Document  
File in your maintenance records



## DISCLAIMER OF WARRANTY AND LIMITATION OF REMEDY

KCI HEREBY DISCLAIMS ALL EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ON THE KCI PRODUCT(S) DESCRIBED IN THIS PUBLICATION. ANY WRITTEN WARRANTY OFFERED BY KCI SHALL BE EXPRESSLY SET FORTH IN THIS PUBLICATION OR INCLUDED WITH THE PRODUCT. UNDER NO CIRCUMSTANCES SHALL KCI BE LIABLE FOR ANY INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES AND EXPENSES, INCLUDING DAMAGES OR INJURY TO PERSON OR PROPERTY, DUE IN WHOLE OR IN PART TO THE USE OR REPAIR OF THE PRODUCT OTHER THAN THOSE FOR WHICH DISCLAIMER OF WARRANTY OR LIMITATION OF LIABILITY IS EXPRESSLY PROHIBITED BY SPECIFIC, APPLICABLE LAW. NO PERSON HAS THE AUTHORITY TO BIND KCI TO ANY REPRESENTATION OR WARRANTY EXCEPT AS SPECIFICALLY SET FORTH IN THIS PARAGRAPH.

Descriptions or specifications in KCI printed matter, including this publication, are meant solely to generally describe the product at the time of manufacture and do not constitute any express warranties except as set forth in the written limited warranty included with this product. Information in this publication may be subject to change at any time. Contact KCI for updates (see page 31).



# Table Of Contents

Important Information For Users.....	5
Introduction / About This Manual .....	6
V.A.C.ULTA™ Therapy Unit Checklist.....	6
Preparation For Use .....	7
V.A.C.ULTA™ Therapy Unit Feature Identification.....	8
Front and Back Views of Therapy Unit.....	8
Side Views of Therapy Unit.....	9
Cleaning and Disinfection.....	10
Infection Control.....	10
Supplies and Equipment Needed.....	10
General Cleaning Recommendations .....	10
Therapy Unit.....	11
Power Supply .....	12
Service Procedures .....	13
Inspect Unit For Damage.....	13
Exterior.....	13
Touch Screen .....	14
User Data Interface (UDI).....	14
Solution Container Hanger Arm.....	14
Unit Hanger Arm .....	15
Power Supply and Cord .....	15
Charge Battery.....	16
Tools and Supplies.....	16
Therapy Unit Settings .....	17
Regional Settings.....	18
Date and Time Settings Screen .....	19
Operational Checks.....	21
Tools and Supplies.....	21
V.A.C.® Therapy Canister Fit.....	21
V.A.C. VERALINK™ Test Cassette Fit .....	22
Therapy Unit Testing .....	23
Setup.....	23
V.A.C.® Therapy Alarm Testing .....	25
V.A.C. VERALINK™ Alarm Testing.....	26
Pump Performance Testing.....	27
Final Steps .....	28
Preparation for Transport and Patient Use.....	29



Spare Parts .....30

    Country Specific Parts.....30

    Safety Information Sheet and User Manual Part Numbers .....30

Symbols Used .....31

Battery Information for Shipping .....31

    Customer Contact Information.....31

V.A.C.ULTA™ Therapy Unit Checklist (Service Manual).....32



## Important Information For Users

**This manual is designed to assist with routine service procedures for the V.A.C.ULTA™ Therapy Unit manufactured by KCI. This manual is not intended for repair or non routine service procedures. Contact KCI (see page 31) for any repair or non routine service not covered by this manual.**

**Please read and understand all sections of this manual, including all safety information, before beginning any service procedures on this equipment.**

**In order for KCI products to perform properly, KCI recommends the following:**

- All assembly, operation, adjustment, modification, and service should be carried out only by properly trained and qualified personnel.
- Ensure the electrical installation of the room complies with the appropriate national electrical wiring standards.
- The product must be used in accordance with its user manual and all applicable product labeling.
- Follow all procedures as outlined in this manual, including infection prevention and control and care and cleaning.
- Document and retain as a permanent record all service procedures performed.
- Ensure that only KCI Dressings and accessories are used with the V.A.C.ULTA™ Therapy Unit.

### Notice

**This product has been configured from the manufacturer to meet specific voltage requirements. Refer to the product information label for specific voltage.**



## Introduction / About This Manual

This manual is designed to assist with routine service procedures for the V.A.C.ULTA™ Therapy Unit. Following these procedures ensures that the V.A.C.ULTA™ Therapy Unit is properly cleaned, fully functional and ready for patient use.

These procedures include:

- Cleaning and disinfection
- Inspection for damaged and / or missing parts
- Verifying unit function
- Preparing the unit for transport to patient

### V.A.C.ULTA™ Therapy Unit Checklist

Before starting any cleaning or service procedure detailed in this manual, make photocopies of the V.A.C.ULTA™ Therapy Unit Checklist located in the back of this manual (see page 32). After the inspection and service are complete, retain the completed form for each unit as a permanent record.



*All steps in these procedures must be followed in the order presented to provide proper functionality and reliability of the V.A.C.ULTA™ Therapy Unit.*

*Each V.A.C.ULTA™ Therapy Unit must be cleaned, disinfected, inspected and charged between each patient use. For further questions about the required frequency of service procedures, contact KCI (see page 31).*



*Opening the therapy unit to gain access to the internal components may void any warranty.*

## Preparation For Use

Preparing the V.A.C.ULTA™ Therapy Unit for use includes unpacking, inspection for any damaged or missing parts, and an initial round of service procedures to ensure the battery is fully charged and the unit is ready for patient use. The following procedures should be performed when the unit is first received from KCI.



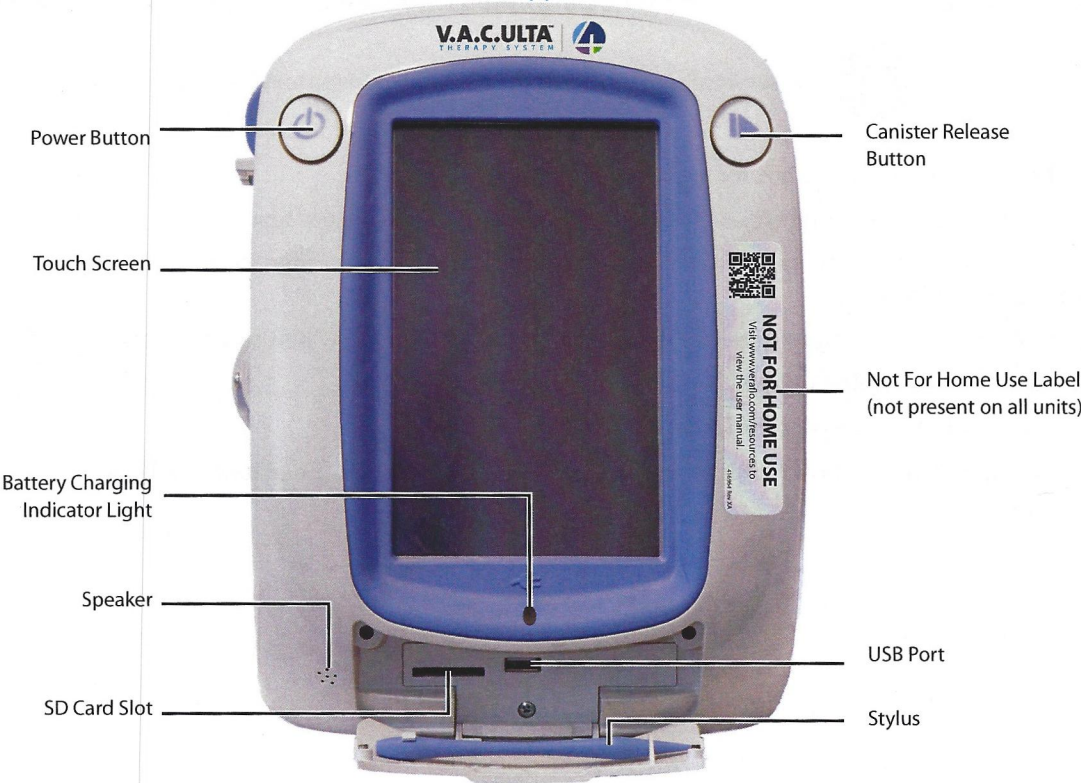
If servicing a unit that is currently in inventory, start at step 5.

1. Inspect the cardboard shipping box for visible signs of damage.
2. Unpack the unit from the shipping box. Use caution when opening to ensure box contents are not damaged.
3. Inspect the contents of the shipping box for damaged items. If damage is noted, contact the shipping company for reporting/return procedures.
4. Inventory all items in shipping box against the packing slip. If there are any items missing contact KCI (see page 31).
5. Record the unit serial number on the V.A.C.ULTA™ Therapy Unit Checklist.
6. Perform the required service procedures on the checklist.
7. After initial inspection and service procedures are complete, store or pack the unit as needed.

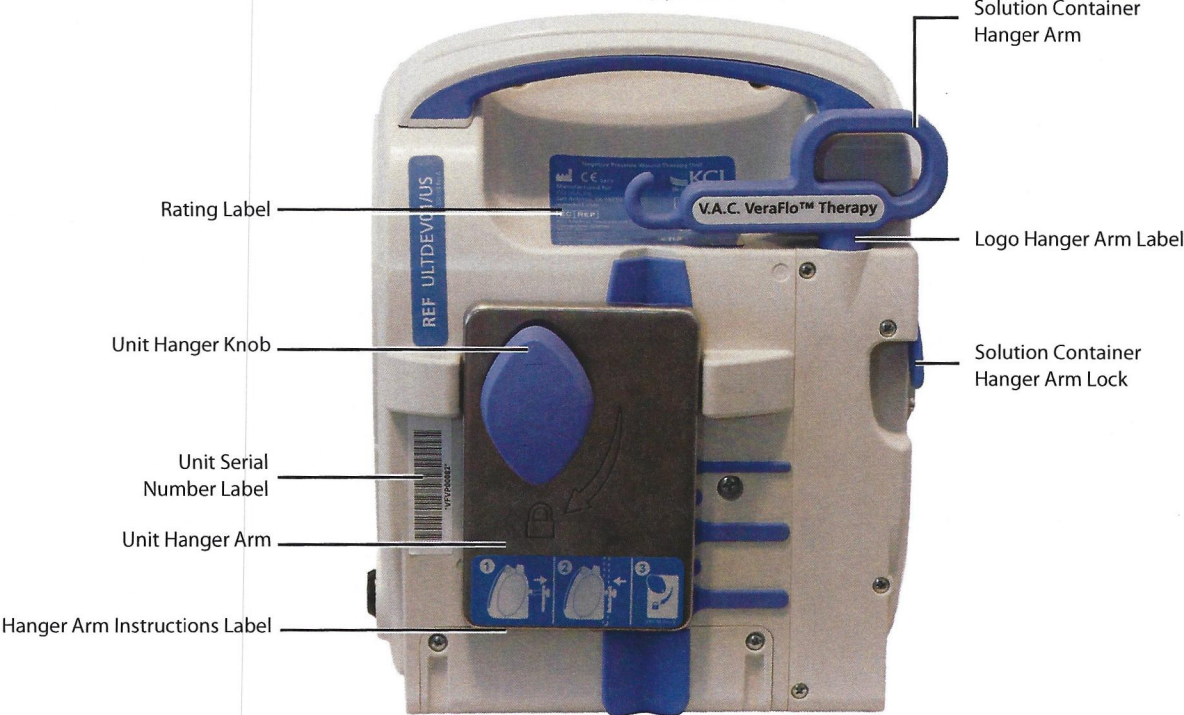
# V.A.C.ULTA™ Therapy Unit Feature Identification

## Front and Back Views of Therapy Unit

V.A.C.ULTA™ Therapy Unit - Front



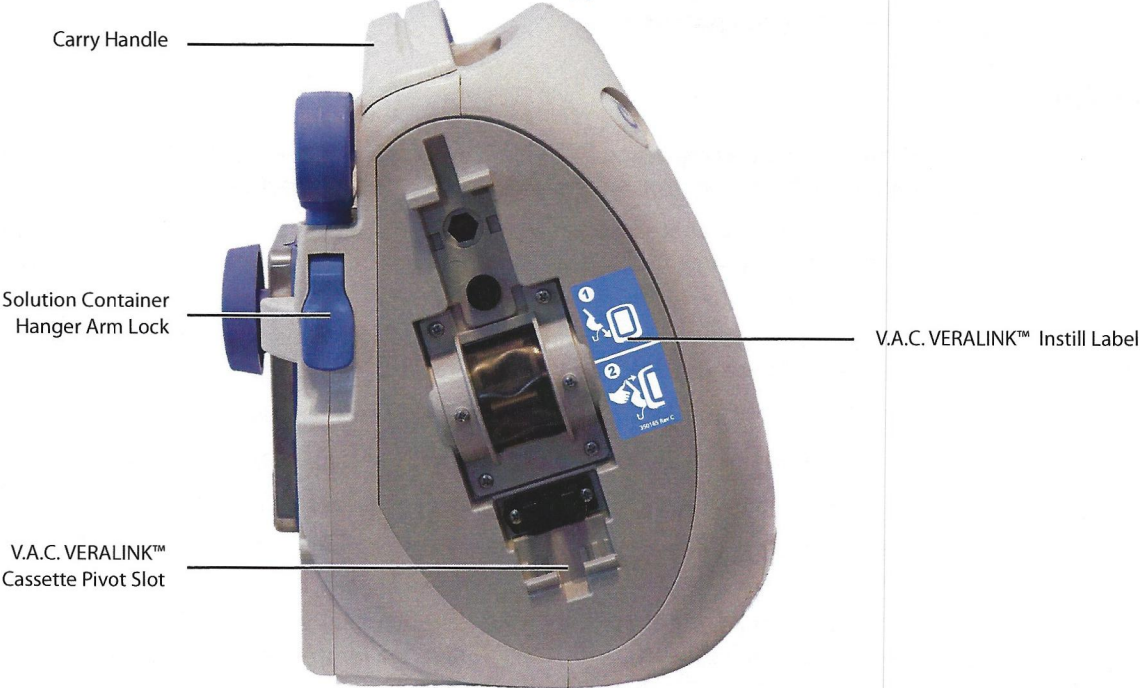
V.A.C.ULTA™ Therapy Unit - Back



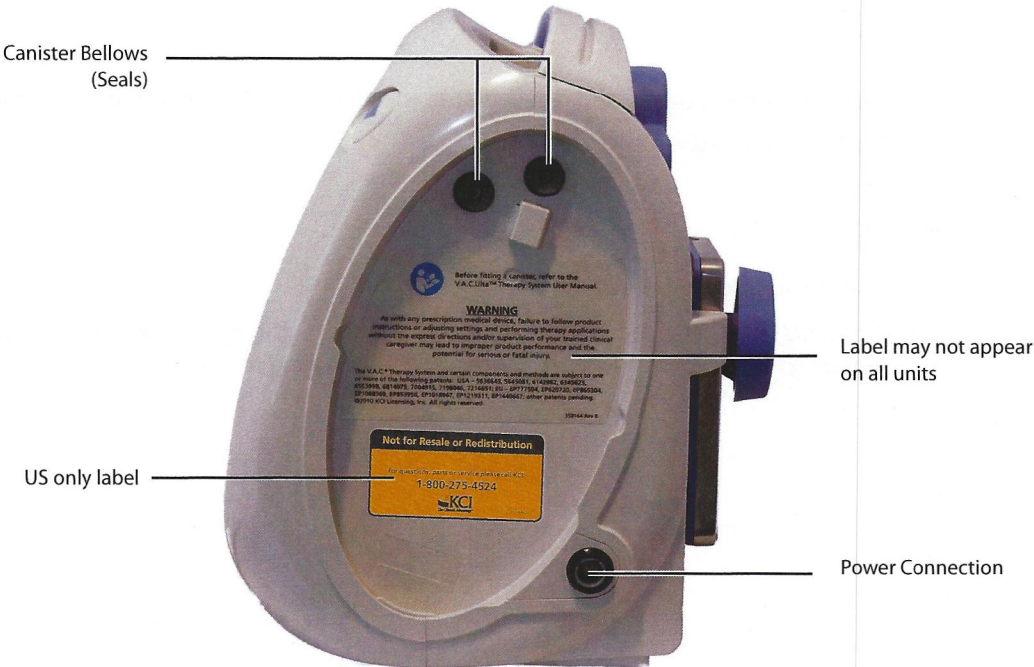


Side Views of Therapy Unit

V.A.C.ULTA™ Therapy Unit - Left



V.A.C.ULTA™ Therapy Unit - Right



## Cleaning and Disinfection

Cleaning and disinfection of the V.A.C.ULTA™ Therapy Unit includes wipe down of all hard surface components. The V.A.C.ULTA™ Therapy Unit must be cleaned and disinfected:

- if it becomes soiled during patient use
- between each patient use

## Infection Control

Institutional policies regarding infection control may vary; however, KCI recommends the following regarding infection control when processing KCI therapy devices:

- Designate contaminated and clean areas for separating and storing equipment before and after transport, cleaning and disinfection. Follow protocols to ensure no cross-contamination occurs between unclean and clean units.
- Use personal protective equipment (PPE) and hand hygiene protocols in accordance with the following standards:
  - 29 CFR 1910.1030, OSHA Bloodborne Pathogens Standard
  - MMWR October 2002;51 (No. RR-16), Guidelines for Hand Hygiene in Healthcare Settings
- Clean all organic material from the therapy unit prior to disinfection.
- Use hospital-grade cleaners and disinfectants, according to the CDC 2008 Guideline for Disinfection and Sterilization in Healthcare Facilities.
- Do not immerse or saturate the therapy unit with fluids to avoid damage to the electronics in the device. Follow institutional procedures used for the cleaning and disinfection of other hard surface durable electronic medical equipment.



*Ensure that the V.A.C.ULTA™ Therapy Unit and its power supply are not connected to AC power when using cleaning fluids of any nature.*

## Supplies and Equipment Needed

- Hospital grade cleaners and disinfectants and/or premoistened disinfectant wipes
- Cotton tipped applicators

## General Cleaning Recommendations

- Use PPE as appropriate.
- For items that are wiped down, ensure item's entire surface is completely covered with the cleaning fluid and maintain wet/contact time according to the manufacturers' directions for use.

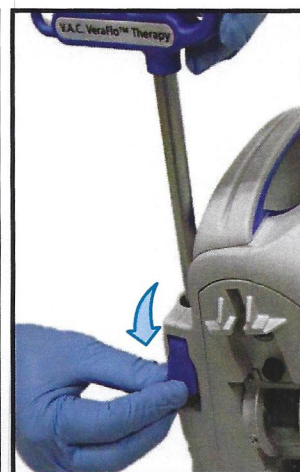
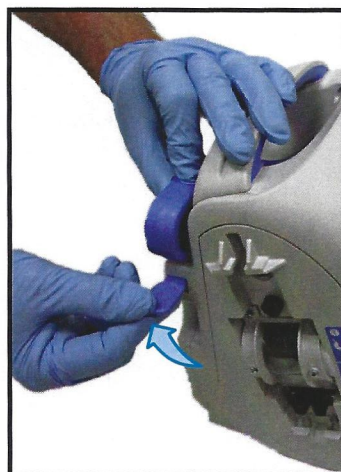


## Therapy Unit

1. Ensure therapy unit is unplugged from power supply.
2. Remove canister bellows from unit. Wipe / clean bellows with an antiseptic wipe. Ensure the bellows cavities and adjacent surfaces are clean of any foreign material. Use a cotton tipped applicator if necessary.
3. Wipe / clean the canister recess area with an antiseptic wipe.
4. Wipe / clean the V.A.C. VERALINK™ Cassette area and roller cover with an antiseptic wipe. Ensure that area cavities are clean of any foreign material. Use a cotton tipped applicator if necessary.

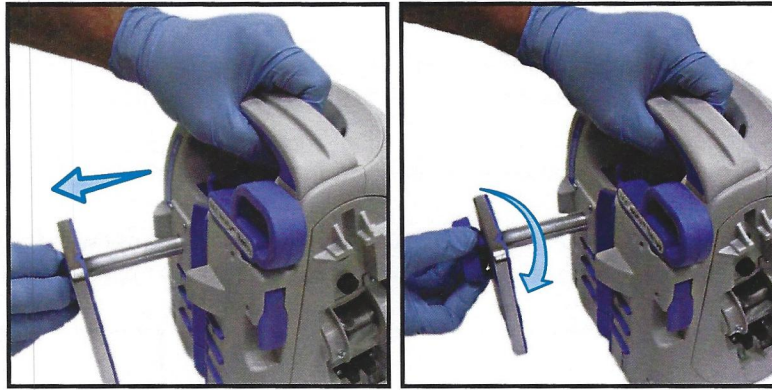


5. Fully lift the solution container hanger arm lock.
6. Raise solution container hanger arm.
7. Rotate 180 degrees.
8. Fully push the solution container hanger arm lock down to lock solution container hanger arm in place.





9. Pull the unit hanger arm away from the unit until it is fully extended. Lock the arm in place by turning the unit hanger knob.



10. Wipe / clean the entire unit with an antiseptic wipe.



*Do not allow excess fluid to pool in the areas surrounding the touch screen or touch screen gasket.*



*Do not use sharp objects to clean on or around screens.*

11. Once the unit is thoroughly cleaned, allow to air dry.
12. Return the solution container hanger arm and the unit hanger arm to their stowed positions. Do not allow the unit hanger arm to snap back.

## Power Supply

1. Ensure the power supply is unplugged from the therapy unit and / or any power source.
2. Wipe the power supply and cords with an antiseptic wipe. Allow to dry.



*Do not saturate the power supply.*

3. Coil the power cords and set aside.

## Service Procedures

The following service procedures are used to verify that the V.A.C.ULTA™ Therapy Unit is functioning properly and that the battery is fully charged. Once these procedures are complete, the unit will be ready for patient use.

The following procedures should be performed as listed and in order when the unit is first received from KCI and between each patient use.



*All service should occur in a clean area that is protected from contamination from unclean units or other potential contamination sources. Use PPE as appropriate or as specified in local protocols.*

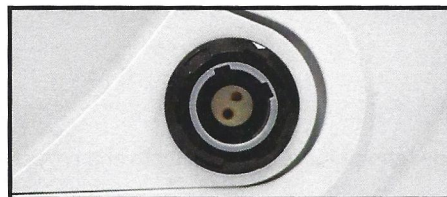
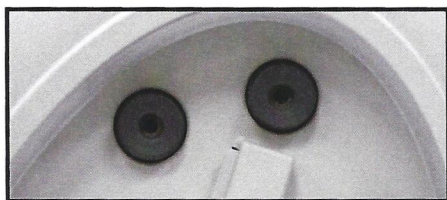


If unit fails any part of these service procedures, please immediately contact KCI for service (see page 31).

### Inspect Unit For Damage

The purpose of this procedure is to inspect the V.A.C.ULTA™ Therapy Unit for damage using the following criteria:

#### Exterior

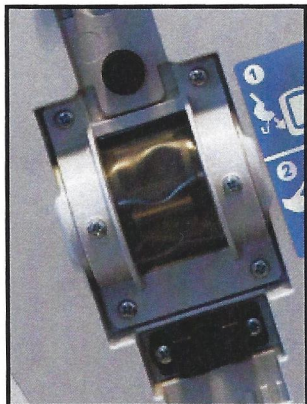
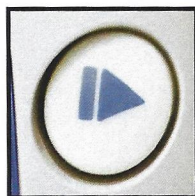
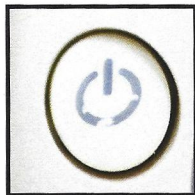


1. Examine the unit top, bottom and sides for:
  - cracks of any size
  - holes of any size that expose internal components
2. Examine the canister recess area for:
  - cracks of any size
  - damage to the canister bellows
  - cracks on or in the power connection and the surrounding housing

3. Examine the power and canister eject buttons. Ensure the graphic symbols are legible.



Slight damage to the graphic symbols is acceptable as long as the intent of the graphic is clear, as shown.



4. Verify all labels are present and legible (see pages 7 and 8).
5. Examine the V.A.C. VERALINK™ Cassette area and instill roller cover for:
  - cracks of any size
  - holes of any size that expose internal components
  - roller cover intact and not damaged or torn



## Touch Screen

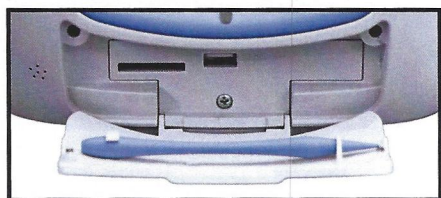


Check the touch screen for any visible signs of damage or excessive screen scuffing or scratches that could obscure screen elements.



Deep or extensive screen scratches can be the source of intermittent erratic therapy unit operation.

## User Data Interface (UDI)



1. Open the UDI door and ensure the stylus is present, as shown.
2. Verify the door pins and magnets are in place.
3. With the UDI door open, examine the memory slot and data ports and ensure they are clear with no visible bent pins or other obstructions.

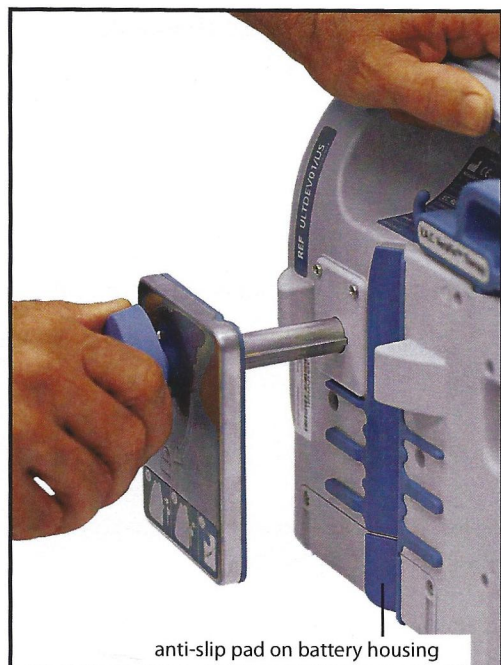
## Solution Container Hanger Arm



Verify the solution container hanger arm unlocks, extends, locks and retracts properly.



## Unit Hanger Arm



1. The unit hanger arm is spring loaded. Verify that the spring mechanism is working correctly by pulling the arm away from the case and returning it to its retracted position. Do not allow the arm to snap back.
2. Pull the arm away from the case and turn the knob to verify the arm locking mechanism works correctly and locks the arm in the extended position.
3. While the arm is extended and locked, verify that the rubber block on the arm and the rubber V channel anti-slip pad on the battery housing are not damaged and are securely in place.

## Power Supply and Cord



1. Inspect the power supply for damage.
2. Inspect the power cord for damage.
3. Verify the labels are present and legible.
4. Verify the power cord has the power cord label (KCI PN 360068) attached to it.



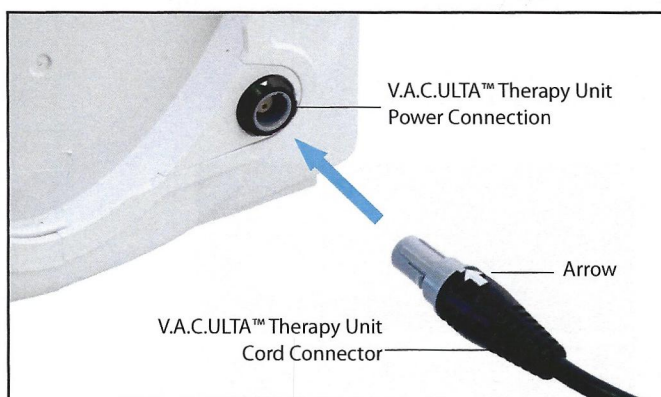
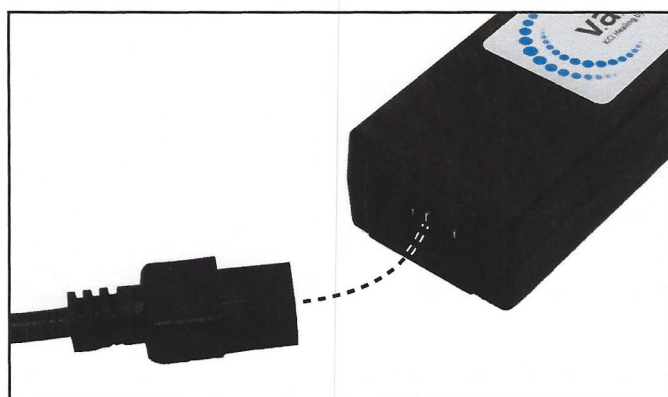
If any item is damaged or missing contact KCI for replacement (see Customer Contact Information section). For a list of replaceable parts, see Spare Parts section.

## Charge Battery

The purpose of this procedure is to ensure the V.A.C.ULTA™ Therapy Unit battery has sufficient charge to complete all following checks and test procedures.

### Tools and Supplies

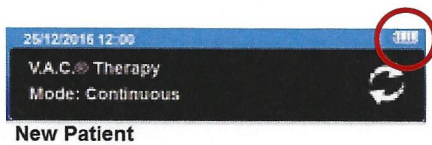
- power supply (KCI PN 4103730 or 44001464)
  - power cord (KCI PN see page 30 for country specific part)
1. Set the unit in a secure place where it can be left for a minimum of one hour. Charging can extend longer than one hour if necessary.
  2. Plug the AC power cord into the DC power supply.
  3. Plug the AC wall plug into an AC wall outlet.
  4. Locate the arrow on the charging cord connector. The arrow should face up as the charging cord connector is plugged into the power connection on the V.A.C.ULTA™ Therapy Unit.
  5. Verify the Battery Charging Indicator LED located below the bottom of the touch screen is lit.



An amber light means the battery is charging.  
A green light means the battery is fully charged.

## Therapy Unit Settings

The purpose of this procedure is to verify the date and time settings for the V.A.C.ULTA™ Therapy Unit and ensure the correct regional settings are in use.

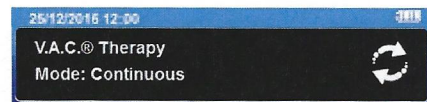


### New Patient

#### Warning:

To help reduce the potential risk of serious or fatal injuries (including bleeding, infection and other conditions), always consult a physician prior to each use, and read and follow all labeling and literature accompanying this product, especially safety information.

Safety information can be found in the instructions for use in each carton of dressings and/or with therapy unit.

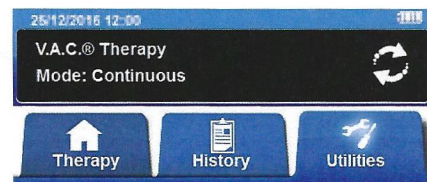


### Startup

#### Warning:

To help reduce the potential risk of serious or fatal injuries (including bleeding, infection and other conditions), always consult a physician prior to each use, and read and follow all labeling and literature accompanying this product, especially safety information.

Safety information can be found in the instructions for use in each carton of dressings and/or with therapy unit.



1. Press and hold the **Power** button until the light comes on to turn the V.A.C.ULTA™ Therapy Unit on.
2. Unplug the unit from the power supply and ensure the battery symbol shows a full charge before continuing.



All checks and tests will be performed on battery power only. If the battery needs charging see the Charge Battery section.



An audible click should be heard whenever any button is pressed.

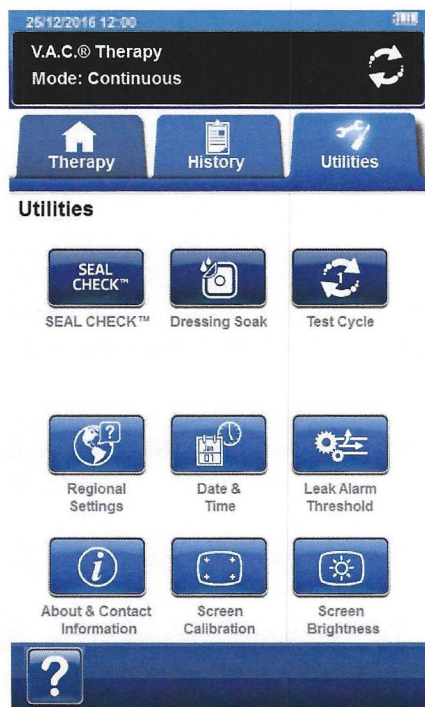
3. Depending on the **Startup** screen displayed, either press the **QC Checklist** button or press the **Continue Therapy** button to move to the next screen.



4. Press the **Utilities** tab.



## Regional Settings



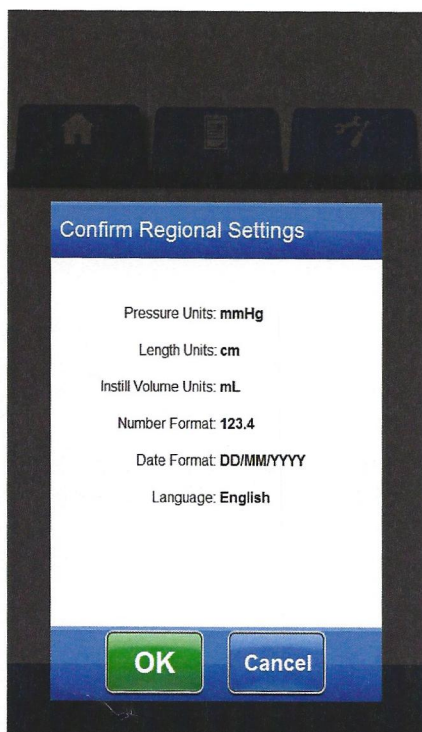
1. Press the Regional Settings button.



For more detailed information refer to the *Regional Settings* Screen section in the *V.A.C.ULTA™ Therapy Unit User Manual*.

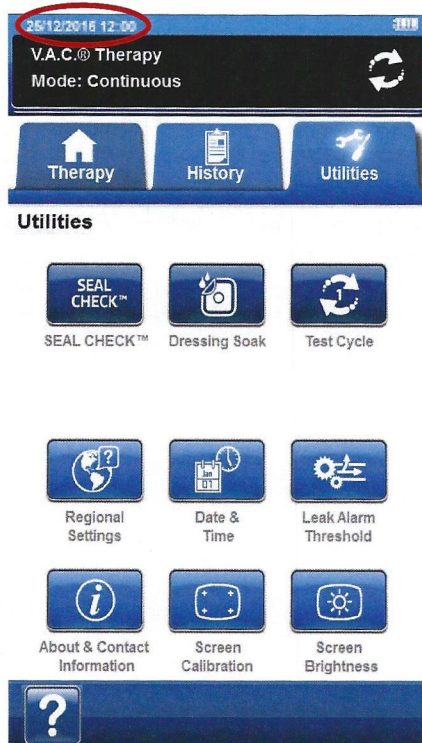


3. Press the **OK** button to accept the settings as they appear or to lock in any changes made.



4. Press the **OK** button on the *Confirm Regional Settings* screen to return to the *Utilities* screen or press the **Cancel** button to return to the *Regional Settings* screen to make any required adjustments.

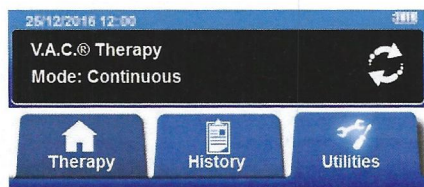
## Date and Time Settings Screen



The date and time can be verified on the V.A.C.ULTA™ Therapy Unit any time by looking in the upper left of any screen. If settings are incorrect perform the following steps.



1. On the *Utilities* screen, press the **Date & Time** button.



#### Date & Time Settings

Day  
 - 1 7 14 21 31 +

Month  
 - January June December +

Year  
 - 2010 2012 2015 2018 2020 +

Hour  
 - 0 6 12 18 23 +

Minute  
 - 0 15 30 45 59 +



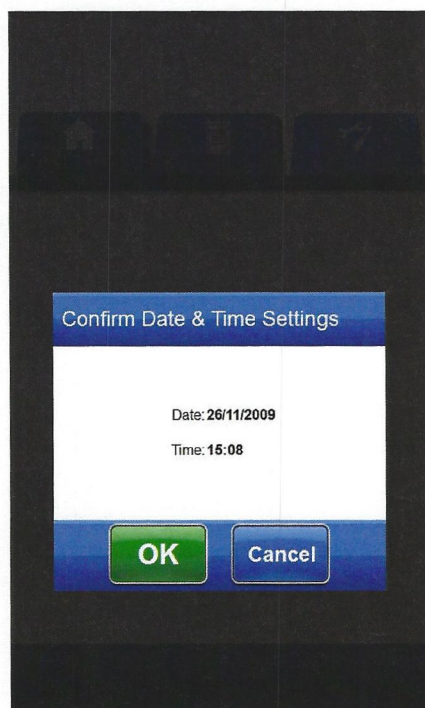
2. Use the sliders on the screen to adjust the date and time as needed.



3. Press the **OK** button to accept the settings as they appear on the *Date & Time Settings* screen.



For more detailed information refer to the *Date & Time Settings Screen* section in the *V.A.C.ULTA™ Therapy Unit User Manual*.



4. Press the **OK** button on the *Confirm Date & Time Settings* screen to return to the *Utilities* screen or press the **Cancel** button to return to the *Date & Time Settings* screen to make any required adjustments.



## Operational Checks

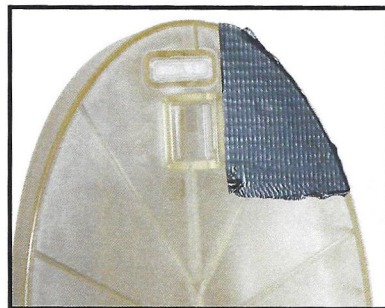
### Tools and Supplies

- two KCI 500mL canisters (KCI PN M8275063 or M8275071)
  - These are standard canisters that can be reused for up to six months as a test canister. On one canister, block the sensing port with tape; this will simulate a full canister.
  - Leave the sensing port open on the other canister. Write on both canisters 'Test Canister-Not For Human Use' and the in-use date.
- one KCI V.A.C. VERALINK™ test cassette (KCI PN SE-000387)
  - This cassette can be reused for up to four months as a test cassette. Write on cassette 'Test Cassette-Not For Human Use' and the in-use date.
- one Tubing Cap (KCI PN M6275069)

Two KCI 500mL Canisters



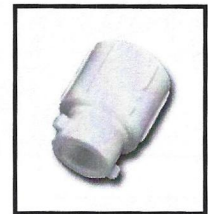
Sensing Port with Tape



Test Cassette

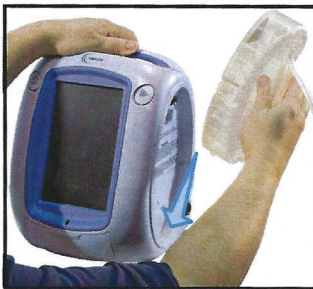



Tubing Cap



### V.A.C.® Therapy Canister Fit

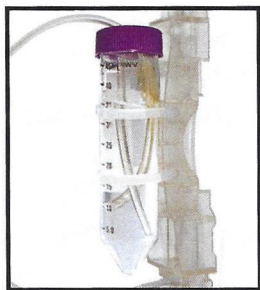
The purpose of this procedure is to ensure the canister fits and latches securely to the therapy unit.



1. Slide test canister into the side of the V.A.C. ULTA™ Therapy Unit.
  2. Push the canister firmly into place on the V.A.C. ULTA™ Therapy Unit. An audible click indicates the canister is fully seated. Ensure the canister is installed directly onto the therapy unit. Do not twist or turn the canister as it is being installed.
  3. If the canister does not easily fit and latch into place, remove the canister and check that the canister bellows are fully seated. Retry fitting the canister.
  4. If the canister still will not easily fit and latch into place, substitute another canister and retry fitting the canister.
-  If another canister is used write 'Test Canister-Not For Human Use' and the in-use date on it.
5. If the canister will not fit the recess properly or latch into place, contact KCI (see page 31).
  6. Ensure the tubing cap is in place on the tubing connector.

## V.A.C. VERALINK™ Test Cassette Fit

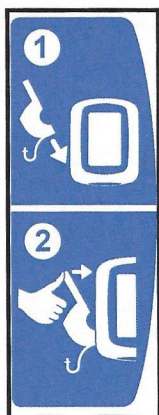
The purpose of this procedure is to ensure the V.A.C. VERALINK™ test cassette fits and latches securely to the therapy unit.



1. Fill the container on the V.A.C. VERALINK™ test cassette (KCI PN SE-000387) almost full with water.



2. Attach the V.A.C. VERALINK™ test cassette to the unit as shown at left. Refer to labeling on the left side of the unit for instructions on how to attach the cassette.



3. If the V.A.C. VERALINK™ test cassette will not easily fit and latch into place, substitute another test cassette and retry fitting the test cassette to the unit.



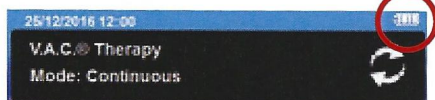
If another test cassette is used write 'Test Cassette-Not For Human Use' and the in-use date on it.



4. Ensure that the V.A.C. VERALINK™ test cassette latches properly as shown at left.
5. If the V.A.C. VERALINK™ test cassette will not fit the recess properly or latch into place contact KCI (see page 31).

# Therapy Unit Testing

## Setup

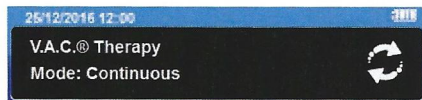
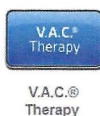


### New Patient

#### Warning:

To help reduce the potential risk of serious or fatal injuries (including bleeding, infection and other conditions), always consult a physician prior to each use, and read and follow all labeling and literature accompanying this product, especially safety information.

Safety information can be found in the instructions for use in each carton of dressings and/or with therapy unit.



### Startup

#### Warning:

To help reduce the potential risk of serious or fatal injuries (including bleeding, infection and other conditions), always consult a physician prior to each use, and read and follow all labeling and literature accompanying this product, especially safety information.

Safety information can be found in the instructions for use in each carton of dressings and/or with therapy unit.

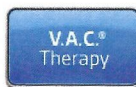


1. If the unit is not powered on press and hold the Power button until the light comes on to turn the V.A.C.ULTA™ Therapy Unit on.



If the battery needs charging see the Charge Battery section.

2. Unplug the unit from the power supply and ensure the battery symbol shows a full charge before continuing.



3. Press the V.A.C.® Therapy button on the *Startup* screen.



4. Press and hold the **Power** button until the display turns off to turn the V.A.C.ULTA™ Therapy Unit off.

5. Wait for the screen and all lights to go off before continuing.

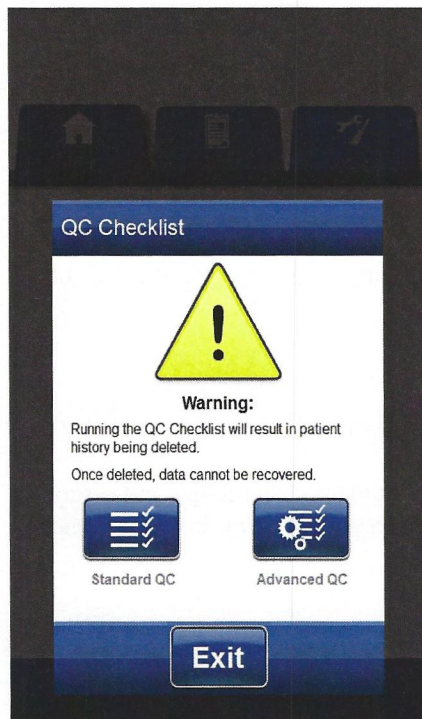


6. Press and hold the **Power** button until the light comes on to turn the V.A.C.ULTA™ Therapy Unit on.



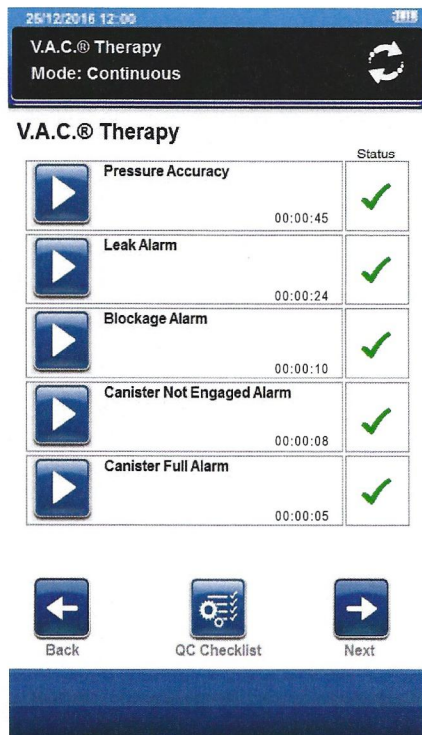
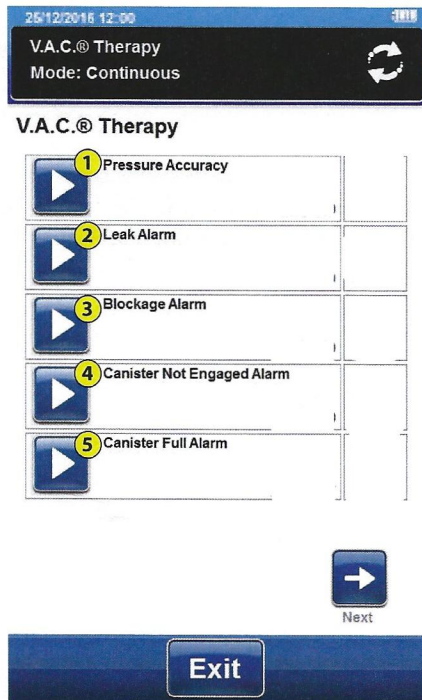
7. Press the QC Checklist button on the *Startup* screen.





8. Press the [Standard QC](#) button on the [QC Checklist](#) screen.

## V.A.C.® Therapy Alarm Testing



1. Slide the untaped test canister into the side of the V.A.C.ULTA™ Therapy Unit. An audible click indicates the canister is fully seated .
2. Press the **Arrow** button displayed next to **Pressure Accuracy**.
3. After test is successfully completed remove the tubing cap from the canister tubing.
4. Press the **Arrow** button displayed next to **Leak Alarm**.
5. After test is successfully completed install the tubing cap on the canister tubing.
6. Press the **Arrow** button displayed next to **Blockage Alarm**.
7. After test is successfully completed remove the untaped canister.
8. Press the **Arrow** button displayed next to **Canister Not Engaged Alarm**.
9. After test is successfully completed slide the taped test canister into the side of the V.A.C.ULTA™ Therapy Unit. An audible click indicates the canister is fully seated.
10. Press the **Arrow** button displayed next to **Canister Full Alarm**.



After tests are successfully completed a **green check** should show next to each item listed on the screen (see figure at left).



11. Press the **Next** button to continue testing.

## V.A.C. VERALINK™ Alarm Testing

25-12-2016 12:00

V.A.C.® Therapy  
Mode: Continuous

V.A.C. VERAFLU™ Therapy

	Status
Instill Pump Performance Pump Duty: 0 Motor speed: 0 00:00:00	
V.A.C. VERALINK™ Cassette Not Engaged Alarm	✓
Solution Bag / Bottle Empty Alarm	✓
V.A.C. VERAFLU™ Blockage Alarm 00:00:00	
Restore Patient Defaults	

Back

Complete

Exit

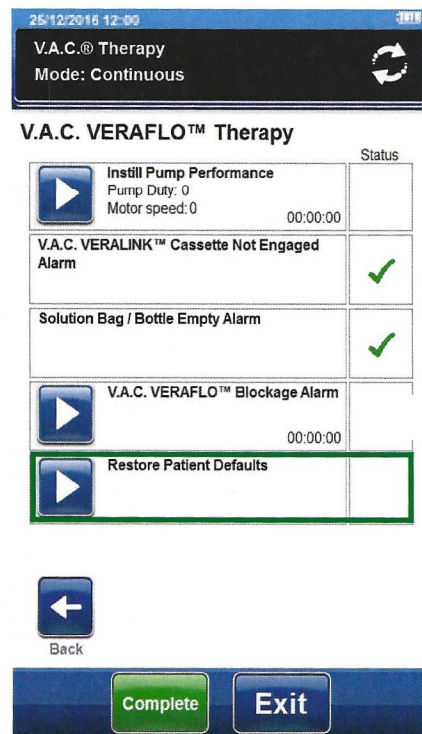
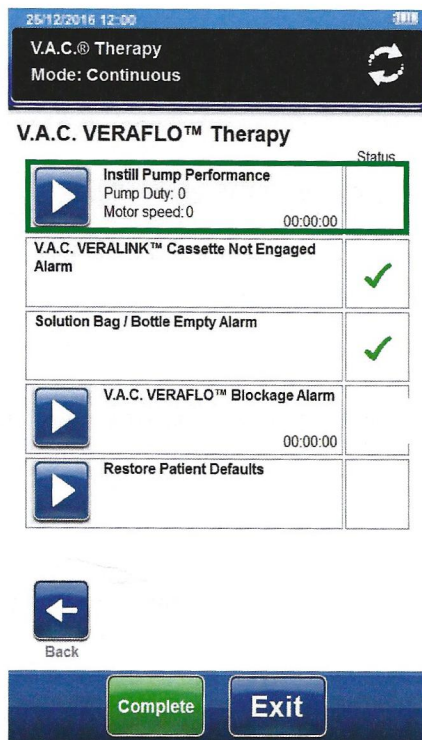


If the V.A.C. VERALINK™ Test Cassette is properly in place this screen will appear with two **green checks** (see figure at left).

If a **red X** appears on this screen, remove and re-seat the V.A.C. VERALINK™ Test Cassette, press the **Back** button, then press the **Next** button. If the **red X** does not disappear, contact KCI (see page 31).



## Pump Performance Testing



1. Ensure therapy unit is plugged in.



Instill Pump Performance should display  $\leq 88\%$ .



2. Press the **Arrow** button displayed next to **Instill Pump Performance** on the **V.A.C. VERAFL0™ Therapy** screen.

- Verify Pump Duty value is  $\leq 88\%$ .
- If the Pump Duty value is  $> 88\%$ , replace the test cassette and repeat step 1 above.

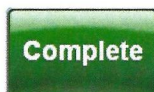


*Proper Pump Duty Cycle value is only displayed on AC power. The maximum value possible with AC power is 91%. If the Pump Duty value displays 100% it is most likely using DC power (battery only).*

3. If the value continues to display  $> 88\%$ 
  - Press and hold the **Power** button until the display turns off to turn the V.A.C.ULTA™ Therapy Unit off.
  - Verify that all plugs are undamaged and firmly attached to the V.A.C.ULTA™ Therapy Unit.
  - Press and hold the **Power** button until the light comes on to turn the V.A.C.ULTA™ Therapy Unit on.
  - Verify the V.A.C.ULTA™ Therapy Unit is receiving power when plugged into the AC wall outlet.
  - Press the **QC Checklist** button on the **Startup** screen.
  - Press the **Standard QC** button from the **QC Checklist** screen.
  - Press the **Next** button to continue testing.
  - Press the **Arrow** button displayed next to **V.A.C. VERAFL0™ Therapy** from the **QC Checklist** screen.
  - Press the **Arrow** button displayed next to **Instill Pump Performance** on the **V.A.C. VERAFL0™ Therapy** screen.
  - If after powering down and re-running test the Pump Duty value is still greater than 88%, contact KCI (see page 31).



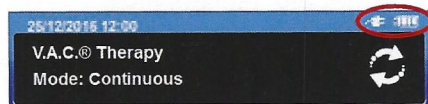
4. Press the **Arrow** button displayed next to **Restore Patient Defaults**.



5. Press the **Complete** button.

## Final Steps

The purpose of these steps is to verify that the V.A.C.ULTA™ Therapy Unit is charging before turning it off.

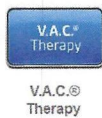


### New Patient

#### Warning:

To help reduce the potential risk of serious or fatal injuries (including bleeding, infection and other conditions), always consult a physician prior to each use, and read and follow all labeling and literature accompanying this product, especially safety information.

Safety information can be found in the instructions for use in each carton of dressings and/or with therapy unit.



1. Remove the test canister and V.A.C. VERALINK™ test cassette from the unit if still attached.
2. Plug the AC power cord into the DC power supply.
3. Plug the AC wall plug into an AC wall outlet.
4. Verify the plug indicator appears on the upper right of the touch screen.
5. Press and hold the **Power** button until the display turns off to turn the V.A.C.ULTA™ Therapy Unit off.

## Preparation for Transport and Patient Use

The following documentation and items should always accompany the V.A.C.ULTA™ Therapy Unit when patient placement occurs. For replacement documentation contact KCI (see page 23).

- V.A.C.ULTA™ Therapy System Safety Information
- V.A.C.ULTA™ Power Supply
- V.A.C.ULTA™ Power Cord



The V.A.C.ULTA™ Therapy Unit should be transported to and from patient placements according to local protocols that ensure the cleanliness of the unit and power supply.

1. Ensure the required documentation is attached to the unit.
2. Follow institutional protocols for transporting the unit to and placing the unit with a patient.



## Spare Parts

This spare parts list is current as of September 2016. To verify current part numbers contact your KCI representative (see page 31).

### Country Specific Parts

Part Number	Description	Country
4103730	Power Supply	Universal
44001464	Power Supply	France
350084	Power Cord	United States / Canada
350753	Power Cord	United Kingdom
360080	Power Cord	Italy
350758	Power Cord	Denmark
360081	Power Cord	Switzerland
360122	Power Cord	South Africa
360076	Power Cord	Australia
360074	Power Cord	Other European Countries not listed

### Safety Information Sheet and User Manual Part Numbers

V.A.C.ULTA™ Therapy Safety Information Sheet Part Number	V.A.C.ULTA™ User Manual Part Number	V.A.C.ULTA™ Service Manual Part Number	Language
350172	416700	417137	English
	416700-02	417137-DE	German
	416700-10	417137-ES	Spanish
	416700-06	417137-FR	French
	416700, 416700-06	417137, 417137-FR CA	English and French-Canadian
350173	416700-01	417137-IT	Italian
350171	416700-05	417137-NL	Dutch
350174	416700-07	417137-DA	Danish
350175	416700-08	417137-SV	Sweden
350237	416700-13	417137-EL	Greece
350238, 350175	416700-14, 416700-08	417137-FI	Finnish
350239	416700-15	417137-NO	Norwegian
350171, 350172	416700-05, 350190-06	417137-FR, 417137-NL	French and Dutch
350172, 350173	416700-01, 416700-02, 416700-06	417137, 417137-DE, 417137-FR, 417137-IT	English, German, French, and Italian

## Symbols Used



The warning symbol signifies a possible hazard to system, patient or staff.



The information point symbol signifies an important note or operational information.



The shock warning symbol signifies a possible electrical shock hazard.

## Battery Information for Shipping

(Product contains Lithium Ion Batteries)

## Customer Contact Information

**For questions regarding this product, supplies, maintenance, or additional information about KCI products and services, please contact KCI or a KCI authorized representative, or:**

**In the US** call 1-800-275-4524 or visit [www.acelity.com](http://www.acelity.com) or [www.vaculta.com](http://www.vaculta.com)  
KCI USA, Inc. 12930 IH 10 West San Antonio, TX 78249

**Outside the US** visit [www.kci-medical.com](http://www.kci-medical.com)

# V.A.C.ULTA™ Therapy Unit Checklist (Service Manual)

- This form is to be used in conjunction with the V.A.C.ULTA™ Therapy Unit Service Manual (417137).
- Complete this side of form between each patient use and maintain it as a permanent record.

Clean Therapy Unit		
<input type="checkbox"/>	Clean unit following procedures found in the Cleaning and Disinfection section of the V.A.C.ULTA™ Therapy Unit Service Manual.	
Procedures Between Patient Care		
<input type="checkbox"/>	Inspect therapy unit for any damaged or missing parts.	Repairs Needed <b>YES</b> <b>NO</b>
	Inspect bellows (seals).	<input type="checkbox"/> <input type="checkbox"/>
	Inspect power connector / housing.	<input type="checkbox"/> <input type="checkbox"/>
	Inspect exterior buttons.	<input type="checkbox"/> <input type="checkbox"/>
	Inspect instill roller cover.	<input type="checkbox"/> <input type="checkbox"/>
	Inspect touch screen.	<input type="checkbox"/> <input type="checkbox"/>
	Inspect solution container hanger arm.	<input type="checkbox"/> <input type="checkbox"/>
	Inspect user data interface (UDI).	<input type="checkbox"/> <input type="checkbox"/>
	Inspect UDI door pins and magnets.	<input type="checkbox"/> <input type="checkbox"/>
	Inspect unit hanger arm.	<input type="checkbox"/> <input type="checkbox"/>
	Inspect power supply and cords.	<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	Adjust Date and Time Settings as needed.	
<input type="checkbox"/>	Check V.A.C.® Therapy Canister fit.	
<input type="checkbox"/>	Check V.A.C. VERALINK™ Test Cassette fit.	
<input type="checkbox"/>	Charge battery as needed.	

Standard Quality Check		
<input type="checkbox"/>	Perform Standard Maintenance.	PASS / FAIL <b>PASS</b> <b>FAIL</b>
	Turn the V.A.C.ULTA™ Therapy Unit on.	<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	Perform V.A.C.® Therapy Procedures.	PASS / FAIL <b>PASS</b> <b>FAIL</b>
	Press Arrow button for <b>V.A.C.® Therapy</b> .	<input type="checkbox"/> <input type="checkbox"/>
	Press Arrow button for <b>Pressure Accuracy</b> .	<input type="checkbox"/> <input type="checkbox"/>
After successful test remove tubing cap from tubing.		
	Press Arrow button for <b>Leak Alarm</b> .	<input type="checkbox"/> <input type="checkbox"/>
After successful test install tubing cap on tubing.		
	Press Arrow button for <b>Blockage Alarm</b> .	<input type="checkbox"/> <input type="checkbox"/>
After successful test remove untaped canister from unit.		
	Press Arrow button for <b>Canister Not Engaged Alarm</b> .	<input type="checkbox"/> <input type="checkbox"/>
After successful test install taped canister onto unit.		
	Press Arrow button next to <b>Canister Full Alarm</b> .	<input type="checkbox"/> <input type="checkbox"/>
After successful completion of all tests press Next button.		
<input type="checkbox"/>	Perform V.A.C. VERAFLOR™ Therapy Procedures.	
	Press Arrow button for <b>Instill Pump Performance</b> . Re-seat test canister as necessary for test.	<input type="checkbox"/> <input type="checkbox"/>
	Check V.A.C. VERALINK™ Cassette Not Engaged Alarm.	<input type="checkbox"/> <input type="checkbox"/>
	Check Solution Bag/Bottle Empty Alarm.	<input type="checkbox"/> <input type="checkbox"/>
	Press Arrow button for <b>V.A.C. VERAFLOR™ Blockage Alarm</b> .	<input type="checkbox"/> <input type="checkbox"/>
	Press <b>QC Checklist</b> button to go to QC Checklist screen.	<input type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	Press <b>Restore Patient Defaults</b> button.	<input type="checkbox"/> <input type="checkbox"/>
Final Steps		
<input type="checkbox"/>	Remove test canister - mark if necessary.	
<input type="checkbox"/>	Plug unit into power supply and outlet.	
<input type="checkbox"/>	Press and hold Power button to turn off the V.A.C.ULTA™ Therapy Unit.	

If unit fails any procedure or requires service beyond what is covered in this manual please contact KCI immediately.	
<b>Cleaning and Disinfection performed:</b>	
Acknowledged by: _____	
<b>Quality Control Checklist performed:</b>	
Acknowledged by: _____	
Unit Serial Number: _____	
Date: ____ / ____ / ____	